

ISS2 Database Tables

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Carriers.db – Field List

This is the primary carrier name lookup table. Records exist for all DOT# carriers. Insurance data is included on this table for common carriers. The ISS inspection value, found here, is calculated on MCMIS for SAFESTAT carriers and on SAFER for carriers with insufficient inspection data. NOTE: Paradox does not require field size notation for integers, dates, or auto-increment relational links.

Field Name	Data Type	Size	Notes
USDOTNUM	Alpha	8	Indexed , Primary Key, DOT#
LEGAL_NAME	Alpha	55	Indexed , carrier's legal name
ADDRESS	Alpha	30	Mailing address street or box
CITY	Alpha	20	Mailing address city
STATE	Alpha	2	Mailing address state, FIPS code
ZIPCODE	Alpha	10	zip + 4 or Canadian postal code
ICC_NUM	Alpha	8	Indexed, primary ICC # only
INSPECTION_VALUE	Alpha	3	Generated in MCMIS (0-100)
INDICATOR	Alpha	1	SAFESTAT or Insuffnt Data (S, I)
TOTAL_VEHICLES	Integer		Total fleet size
TOTAL_DRIVERS	Integer		Total drivers controlled by carrier
CARRIER_OPERATION	Alpha	1	A=Inter; B=HMIIntra; C=Intra
FLAG_1	Alpha	1	Undefined flag field #1
SPECIAL_1	Alpha	5	Undefined field #1

DATA SOURCE: SAFER. This data is assembled by SAFER from the carrier snapshot (from MCMIS) and the Insurance Information System, and from recent inspection data on SAFER. **REFRESH:** Weekly for records meeting change threshold criteria.

ISS.db – Field List

This table includes SAFESTAT data and inspection statistics. Records exist only for carriers with any SEA indicator values. Only about half the carriers of record have an inspection history.

Field Name	Data Type	Size	Notes
USDOTNUM	Alpha	8	Indexed , Primary Key
TOTAL_INSPECTIONS	Alpha	5	Levels 1+2+3+5 for past 30 mo.
VEHICLE_INSPECTIONS	Alpha	5	Levels 1+2+5 for past 30 months
DRIVER_INSPECTIONS	Alpha	5	Levels 1+2+3 for past 30 months
HAZMAT_INSPECTIONS	Alpha	5	All levels if HM, past 30 mo.
OOS_TOTAL	Alpha	5	# insp involving any OOS
OOS_VEHICLE	Alpha	5	# insp involving OOS vehicles
OOS_DRIVER	Alpha	5	# insp involving OOS drivers
SAFETY_RATING	Alpha	1	Safety Fitness Rating (S,C,U," ")
RATING_DATE	Date		Date of last SF Rating
VIOL_BRAKES	Alpha	6	viol rate, brakes (cat: 15+16)
VIOL_WHEELS	Alpha	6	viol rate, wheels (cat: 23+24)
VIOL_STEERING	Alpha	6	viol rate, steering (cat: 19+21+22)
VIOL_MEDICAL	Alpha	6	viol rate, medical (category: 1)
VIOL_LOGS	Alpha	6	viol rate, logs (categories: 2+3)
VIOL_HOURS	Alpha	6	viol rate, hr (categories: 4+5+6+7)
VIOL_DISQUAL	Alpha	6	viol rate, disq driver (category 8)
VIOL_DRUGS	Alpha	6	viol rate, drug/alcohol (cat: 9+10)
VIOL_TRAFFIC	Alpha	6	viol rate, traffic (category 12)
VIOL_HMPAPER	Alpha	6	viol rate, shipping papers (cat: 31)
VIOL_HMPLAC	Alpha	6	viol rate, placard/markings (cat: 32)
VIOL_HMOPER	Alpha	6	viol rate, HM ops, (cat 33+38)
VIOL_HMTANK	Alpha	6	viol rate, cargo t, (cat: 35+36+37)
VIOL_HMOTHR	Alpha	6	viol rate, etc. (cat: 34+39)
SEA_CRASH	Number		SAFESTAT Crash SEA Indicator
SEA_DRIVER	Number		SAFESTAT Driver SEA Indicator

Field Name	Data Type	Size	Notes
SEA_VEHICLE	Number		SAFESTAT Vehicle SEA Indicator
SEA_MGMNT	Number		SAFESTAT management SEA
SSTAT_CATEGORY	Alpha	1	SAFESTAT Category (A-I)
SSTAT_DATE	Date		Date of last SAFESTAT Update
MCSIP_STATUS	Alpha	2	Status level in MCSIP
FLAG_2	Alpha	1	Undefined flag field #2
SPECIAL_2	Alpha	5	Undefined field #2

DATA SOURCE: MCMIS. REFRESH: Weekly for records meeting change threshold criteria.

CarrIns.db – Field List

This table is a list of motor carrier licensing and insurance data. The Mex_territory field determines which States (if any) Mexican for-hire carriers are allowed to operate in.

Field Name	Data Type	Size	Notes
USDOTNUM	Alpha	8	Primary Key
LIABILITY_STATUS	Alpha	6	OK or NOT OK
LIABILITY_REQUIRED	Number		Dollar Amount Required
CARGO_STATUS	Alpha	6	OK or NOT OK
BOND_STATUS	Alpha	6	OK or NOT OK
MEX_TERRITORY	Alpha	2	Lookup Code

DATA SOURCE: L&I. REFRESH: Weekly refresh download from SAFER

CarrDBA.db – Field List

This table is a list of motor carrier DBA (doing business as) names. Each carrier may have multiple dba names. Approximately 1/3 of the carriers have DBA names.

Field Name	Data Type	Size	Notes
ID	AutoInc		Primary Key , auto generated
USDOTNUM	Alpha	8	Indexed
DBANAME	Alpha	55	dba name

DATA SOURCE: **MCMIS**. **REFRESH:** Annually with software upgrades.

Terminals.db – Field List

This is the carrier terminal address file. Multiple terminals may exist for each carrier.

Field Name	Data Type	Size	Notes
ID	AutoInc		Primary Key
USDOTNUM	Alpha	8	Indexed
ADDRESS	Alpha	55	
CITY	Alpha	30	
STATE	Alpha	2	
ZIP	Alpha	10	

DATA SOURCE: **MCMIS**. **REFRESH:** Annually with software upgrades.

VioWarn.db – Field List

The violation category threshold values used in the expert portion of ISS are referenced to this table which is the national mean violation rate by category for all inspections.

Field Name	Data Type	Size	Notes
BRAKES_THRESHOLD	Number		Lookup Table
WHEELS_THRESHOLD	Number		“

STEERING_THRESHOLD	Number		“
MEDICAL_THRESHOLD	Number		“
LOGBOOK_THRESHOLD	Number		“
DRHOURS_THRESHOLD	Number		“
DRQUAL_THRESHOLD	Number		“
DRUGS_THRESHOLD	Number		“
TRAFFIC_THRESHOLD	Number		“
HMPAPER_THRESHOLD	Number		“
HMPLAC_THRESHOLD	Number		“
HMOPER_THRESHOLD	Number		“
HMTANK_THRESHOLD	Number		“
HMOTHR_THRESHOLD	Number		“

DATA SOURCE: **MCMIS**. **REFRESH:** Annually with software upgrades.

MexZones.db – Field List

This is a lookup table of Mexican carrier commercial zones.

Field Name	Data Type	Size	Notes
ZONE_ID	Alpha	2	Lookup Table
ZONE_DESCRIPTION	Alpha	60	“

DATA SOURCE: **Internal lookup table**. **REFRESH:** only when the zone structure changes and then with software update.

ISSLog.db – Field List

This is the internal log of ISS lookups. It is entirely generated by ISS and may be deleted at any time by the user. This table may be used in the beta test to record ISS hits & link to resulting inspections.

Field Name	Data Type	Size	Notes
USDOTNUM	Alpha	8	Primary key, DOT #
ICC_NUM	Alpha	8	Primary ICC #
LEGAL_NAME	Alpha	55	Carrier's legal name
INSPECTION_VALUE	Alpha	3	ISS IV captured from carriers.db
DATE_TIME	Date/Time		Date Time stamp of lookup
REMARKS	Memo		user entered comments

DATA SOURCE: **ISS Internal.** **REFRESHED:** Never.

State Data Tables

The following optional tables contain intrastate carrier data. Lookup is possible via State Number, or carrier name. The system also will allow access to intrastate carrier DBA names and terminal addresses similar to the interstate ISS. Note that no provisions are provided in ISS, SAFER or SAFETYNET to create or maintain State specific data in this format. It is recommended that States use Paradox8 database management software to create the final tables. Obviously they could be imported into Paradox from some other system.

Carr_ST.db – Field List

This table is almost the same as Carriers.db but includes the Statenum which allows access by State number.

Field Name	Data Type	Size	Notes
STATENUM	Alpha	12	Indexed , Primary key, State #
USDOTNUM	Alpha	8	US DOT#
LEGAL_NAME	Alpha	55	Indexed , carrier's legal name
ADDRESS	Alpha	30	Mailing address street or box
CITY	Alpha	25	Mailing address city
STATE	Alpha	2	Mailing address state, FIPS code
ZIPCODE	Alpha	10	zip + 4 or Canadian postal code
ICC_NUM	Alpha	8	Indexed, primary ICC # only
INSPECTION_VALUE	Alpha	3	Generated in MCMIS (0-100)
INDICATOR	Alpha	1	SAFESTAT or Insuffnt Data (S, I)
TOTAL_VEHICLES	Integer		Total fleet size
TOTAL_DRIVERS	Integer		Total drivers controlled by carrier
CARRIER_OPERATION	Alpha	1	A=Inter; B=HMIIntra; C=Intra

DATA SOURCE: STATE SYSTEMS. This data exists only if the State adds it to ISS. **REFRESH:** State option. There is no mechanism in SAFER to update this information.

Term_ST.db – Field List

This is the intrastate carrier terminal address file. Multiple terminals may exist for each carrier.

Field Name	Data Type	Size	Notes
ID	AutoInc		Primary Key
STATENUM	Alpha	12	Indexed
ADDRESS	Alpha	55	
CITY	Alpha	30	
STATE	Alpha	2	FIPS code for State
ZIP	Alpha	10	Zip+4 or CN postal code

DATA SOURCE: STATE SYSTEMS. This data exists only if the State adds it to

ISS. **REFRESH:** State option. There is no mechanism in SAFER to update this information.

DBA_ST.db – Field List

This table is a list of intrastate motor carrier DBA (doing business as) names. Each carrier may have multiple dba names.

Field Name	Data Type	Size	Notes
ID	AutoInc		Primary Key , auto generated
STATENUM	Alpha	12	Indexed
DBANAME	Alpha	55	dba name

DATA SOURCE: **STATE SYSTEMS**. This data exists only if the State adds it.
REFRESH: State option.

Log_ST.db – Field List

This is the internal log of intrastate carrier ISS lookups. It is entirely generated by ISS and may be deleted at any time by the user.

Field Name	Data Type	Size	Notes
STATENUM	Alpha	12	Primary key for State lookups
USDOTNUM	Alpha	8	DOT # for cross reference
LEGAL_NAME	Alpha	55	Carrier's legal name
INSPECTION_VALUE	Alpha	3	ISS IV captured from carriers.db
DATE_TIME	Date/Time		Date Time stamp of lookup
REMARKS	Memo		user entered comments

DATA SOURCE: **ISS Internal**. **REFRESHED:** Never.

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